

Table ENG-2. - Construction Materials

Southampton County, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:							
Alaga	80	Poor		Good		Fair	
		Wind erosion	0.00			Too sandy	0.01
		Too sandy	0.01			Too acid	0.76
		Low content of organic matter	0.13				
2A:							
Altavista	80	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.50			Too acid	0.76
Tomotley	5	Not Rated		Not Rated		Not Rated	
2B:							
Altavista	80	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.53	Depth to saturated zone	0.53
		Too acid	0.50			Too acid	0.76
Tomotley	5	Not Rated		Not Rated		Not Rated	
3A:							
Augusta	80	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.14	Depth to saturated zone	0.14
		Too acid	0.54			Too acid	0.98
Tomotley	5	Not Rated		Not Rated		Not Rated	
4A:							
Bibb	80	Poor		Poor		Poor	
		Wind erosion	0.00	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.50			Rock fragments	0.13
		Water erosion	0.99			Too acid	0.60
5B:							
Bojac	80	Poor		Good		Fair	
		Wind erosion	0.00			Rock fragments	0.13
		Low content of organic matter	0.13			Too acid	0.92
		Too acid	0.39				
6A:							

Table ENG-2. - Construction Materials - Continued

Southampton County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
6A:							
Buncombe	80	Poor		Good		Fair	
		Wind erosion	0.00			Too sandy	0.02
		Too sandy	0.02				
		Low content of organic matter	0.13				
Chewacla	5	Not Rated		Not Rated		Not Rated	
7A:							
Chastain	80	Fair		Poor		Poor	
		Too clayey	0.08	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.50	Low strength	0.00	Too Clayey	0.08
		Water erosion	0.99	Shrink-swell	0.87	Too acid	0.76
8A:							
Chastain	80	Fair		Poor		Poor	
		Too clayey	0.08	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.50	Low strength	0.00	Too Clayey	0.08
		Water erosion	0.99	Shrink-swell	0.87	Too acid	0.76
9A:							
Chewacla	80	Fair		Fair		Fair	
		Too acid	0.68	Depth to saturated zone	0.04	Depth to saturated zone	0.04
				Low strength	0.22		
10A:							
Craven	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.08	Depth to saturated zone	0.89	Too acid	0.50
		Low content of organic matter	0.13	Shrink-swell	0.91	Depth to saturated zone	0.89
10B:							
Craven	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.08	Depth to saturated zone	0.89	Too acid	0.50
		Low content of organic matter	0.13	Shrink-swell	0.91	Depth to saturated zone	0.89
10C:							
Craven	80	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Too acid	0.08	Depth to saturated zone	0.89	Too acid	0.50
		Low content of organic matter	0.13	Shrink-swell	0.91	Depth to saturated zone	0.89

11B:

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Southampton County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11B:							
Craven	80	Poor		Fair		Poor	
		Too clayey	0.00	Depth to saturated zone	0.89	Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.50
		Too acid	0.50			Depth to saturated zone	0.89
11C:							
Craven	80	Poor		Fair		Poor	
		Too clayey	0.00	Depth to saturated zone	0.89	Too Clayey	0.00
		Low content of organic matter	0.13			Too acid	0.50
		Too acid	0.50			Depth to saturated zone	0.89
12A:							
Dorovan	80	Not Rated		Poor		Poor	
				Depth to saturated zone	0.00	Depth to saturated zone	0.00
						Content of organic matter	0.00
						Too acid	0.50
13A:							
Emporia	80	Fair		Good		Fair	
		Low content of organic matter	0.13			Rock fragments	0.88
		Too acid	0.54			Too acid	0.98
13B:							
Emporia	80	Fair		Good		Fair	
		Low content of organic matter	0.13			Rock fragments	0.88
		Too acid	0.54			Too acid	0.98
13C:							
Emporia	80	Fair		Good		Fair	
		Low content of organic matter	0.13			Rock fragments	0.88
		Too acid	0.54			Too acid	0.98
14A:							
Exum	80	Fair		Poor		Fair	
		Too acid	0.08	Low strength	0.00	Too acid	0.50
		Low content of organic matter	0.13	Depth to saturated zone	0.89	Depth to saturated zone	0.89
		Water erosion	0.99				

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15A:							
Munden	80	Poor		Fair		Fair	
		Wind erosion	0.00	Depth to saturated	0.53	Depth to saturated	0.53
		Low content of organic matter	0.13	zone		zone	
		Too acid	0.54			Too acid	0.98
15B:							
Munden	80	Poor		Fair		Fair	
		Wind erosion	0.00	Depth to saturated	0.53	Depth to saturated	0.53
		Low content of organic matter	0.13	zone		zone	
		Too acid	0.54			Too acid	0.98
16A:							
Myatt	80	Fair		Poor		Poor	
		Too acid	0.50	Depth to saturated	0.00	Depth to saturated	0.00
		Low content of organic matter	0.50	zone		zone	
						Too acid	0.60
17A:							
Nansemond	80	Poor		Fair		Fair	
		Wind erosion	0.00	Depth to saturated	0.53	Depth to saturated	0.53
		Too acid	0.12	zone		zone	
		Low content of organic matter	0.13			Too acid	0.60
Myatt	5	Not Rated		Not Rated		Not Rated	
17B:							
Nansemond	80	Poor		Fair		Fair	
		Wind erosion	0.00	Depth to saturated	0.53	Depth to saturated	0.53
		Too acid	0.12	zone		zone	
		Low content of organic matter	0.13			Too acid	0.60
Myatt	5	Not Rated		Not Rated		Not Rated	
18F:							
Nevarc	45	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Too Clayey	0.00
		Too acid	0.21	Depth to saturated	0.76	Depth to saturated	0.76
				zone		zone	
Remlik	35	Poor		Poor		Poor	
		Wind erosion	0.00	Slope	0.00	Slope	0.00
		Too acid	0.21			Too sandy	0.30
		Too sandy	0.30			Too acid	0.76

19A:

Table ENG-2. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19A: Nimmo	80	Fair Low content of organic matter Too acid	0.13 0.50	Poor Depth to saturated zone	0.00	Poor Depth to saturated zone Too acid	0.00 0.60
20B: Ocilla	80	Poor Wind erosion Too sandy Low content of organic matter	0.00 0.06 0.13	Fair Depth to saturated zone	0.89	Fair Too sandy Depth to saturated zone Too acid	0.06 0.89 0.98
20C: Ocilla	80	Poor Wind erosion Too sandy Low content of organic matter	0.00 0.06 0.13	Fair Depth to saturated zone	0.89	Fair Too sandy Depth to saturated zone Too acid	0.06 0.89 0.98
21A: Pactolus	80	Poor Wind erosion Too sandy Low content of organic matter	0.00 0.01 0.13	Fair Depth to saturated zone	0.76	Fair Too sandy Too acid Depth to saturated zone	0.01 0.50 0.76
22A: Riverview	80	Fair Too acid Low content of organic matter	0.54 0.88	Good		Fair Too acid	0.98
Chewacla	5	Not Rated		Not Rated		Not Rated	
23A: Roanoke	80	Poor Too clayey Too acid Low content of organic matter	0.00 0.08 0.13	Poor Depth to saturated zone Low strength Shrink-swell	0.00 0.00 0.87	Poor Depth to saturated zone Too Clayey Too acid	0.00 0.00 0.50
24B: Rumford	40	Poor Wind erosion Too acid Low content of organic matter	0.00 0.12 0.13	Good		Fair Too acid	0.76

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
24B:							
Kenansville	20	Poor		Good		Poor	
		Wind erosion	0.00			Too sandy	0.00
		Too sandy	0.00			Too acid	0.98
		Low content of organic matter	0.02				
Uchee	15	Poor		Good		Poor	
		Wind erosion	0.00			Too sandy	0.00
		Too sandy	0.00			Too acid	0.88
		Low content of organic matter	0.13				
24C:							
Rumford	40	Poor		Good		Fair	
		Wind erosion	0.00			Too acid	0.76
		Too acid	0.12				
		Low content of organic matter	0.13				
Kenansville	20	Poor		Good		Poor	
		Wind erosion	0.00			Too sandy	0.00
		Too sandy	0.00			Too acid	0.98
		Low content of organic matter	0.02				
Uchee	15	Poor		Good		Poor	
		Wind erosion	0.00			Too sandy	0.00
		Too sandy	0.00			Too acid	0.88
		Low content of organic matter	0.13				
25A:							
Seabrook	80	Poor		Fair		Poor	
		Wind erosion	0.00	Depth to saturated zone	0.98	Too sandy	0.00
		Too sandy	0.00			Depth to saturated zone	0.98
		Low content of organic matter	0.13				
Chewacla	5	Not Rated		Not Rated		Not Rated	
26A:							
Slagle	80	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Too acid	0.60
		Low content of organic matter	0.13	Depth to saturated zone	0.76	Depth to saturated zone	0.76
				No shrink-swell limitation	>0.99		
26B:							

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26B:							
Slagle	80	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Too acid	0.60
		Low content of organic matter	0.13	Depth to saturated zone	0.76	Depth to saturated zone	0.76
				No shrink-swell limitation	>0.99		
26C:							
Slagle	80	Fair		Poor		Fair	
		Too acid	0.12	Low strength	0.00	Too acid	0.60
		Low content of organic matter	0.13	Depth to saturated zone	0.76	Depth to saturated zone	0.76
				No shrink-swell limitation	>0.99		
27A:							
State	80	Fair		Good		Fair	
		Too acid	0.12			Too acid	0.60
		Low content of organic matter	0.13				
27B:							
State	80	Fair		Good		Fair	
		Too acid	0.12			Too acid	0.60
		Low content of organic matter	0.13				
28B:							
Tarboro	80	Poor		Good		Poor	
		Too sandy	0.00			Too sandy	0.00
		Wind erosion	0.00			Rock fragments	0.88
		Droughty	0.01				
29A:							
Tomotley	80	Fair		Poor		Poor	
		Too acid	0.21	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Low content of organic matter	0.88			Too acid	0.76
30B:							
Uchee	80	Poor		Good		Poor	
		Wind erosion	0.00			Too sandy	0.00
		Too sandy	0.00			Too acid	0.88
		Low content of organic matter	0.13				
30C:							

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
30C:							
Uchee	80	Poor		Good		Poor	
		Wind erosion	0.00			Too sandy	0.00
		Too sandy	0.00			Too acid	0.88
		Low content of organic matter	0.13				
30D:							
Uchee	80	Poor		Good		Poor	
		Wind erosion	0.00			Too sandy	0.00
		Too sandy	0.00			Slope	0.37
		Low content of organic matter	0.13			Too acid	0.88
31:							
Udorthents	80	Not Rated		Not Rated		Not Rated	
32A:							
Urban land	50	Not Rated		Not Rated		Not Rated	
Udorthents	30	Not Rated		Not Rated		Not Rated	
33F:							
Winton	80	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.50	Depth to saturated zone	0.98	Too acid	0.76
						Depth to saturated zone	0.98
34A:							
Yemassee	80	Fair		Fair		Fair	
		Too acid	0.12	Depth to saturated zone	0.04	Depth to saturated zone	0.04
						Too acid	0.60
Myatt	5	Not Rated		Not Rated		Not Rated	
W:							
Water	100	Not Rated		Not Rated		Not Rated	